

Converting Colors

HunterLab(72.1182, -43.9620,
13.2130)

Have a look what the booklet for
HunterLab(72.1182, -43.9620,
13.2130) contains.

HunterLab(72.1182, -43.9620, 13.2130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(72.1182,
-43.9620, 13.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	40D6A8
RGB	64, 214, 168
RGB Percent	25%, 84%, 66%
CMY	0.7490, 0.1608, 0.3412
CMYK	0.70, 0.00, 0.21, 0.16
HSL	162°, 65%, 55%
HSV	162°, 70%, 84%
XYZ	33.2289, 52.0103, 45.3336
YIQ	163.9060, -74.6340, -46.1060

Conversions

Conversions Part 2

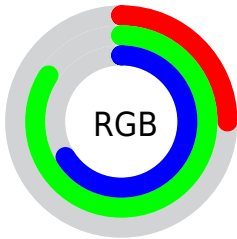
Format	Color
RYB	64, 153, 214
Decimal	4249256
CIELab	77.29, -49.87, 11.50
CIELCh	77, 51.176, 167.016
Yxy	52.0124, 0.2545, 0.3983
Android (android.graphics.Color)	4282439336 (0xFF40D6A8)
YUV	163.9060, 2.0183, -87.6176
Hunter-Lab	72.1182, -43.9620, 13.2130

Details

The HunterLab color **72.1182, -43.9620, 13.2130** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **43.6922, 55.8289, 7.8794**, and the grayscale version is **60.9063, -3.2498, 3.3092**.

A 20% lighter version of the original color is **90.3291, -42.8982, 9.0864**, and **50.7096, -34.6063, 11.3224** is the 20% darker color. If you saturate the color by 10%, you get **71.5464, -46.6195, 15.1598**, and if you desaturate by 10%, it is **72.8858, -40.5458, 11.3919**.

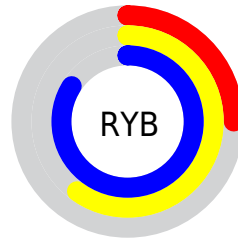
Distribution



Red (25%)

Green (84%)

Blue (66%)



Red (25%)

Yellow (60%)

Blue (84%)

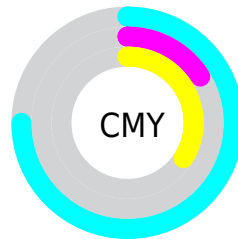


Cyan (70%)

Magenta (0%)

Yellow (21%)

Black (16%)



Cyan (75%)


Magenta (16%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.1182, -43.9620, 13.2130 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 72.1182, -43.9620, 13.2130 by changing the saturation by 10% instead.


 72.1182, -43.9620,
13.2130


 72.1182, -43.9620,
13.2130


198.6163,
-70.4745, 24.3039


 60.8399, -40.5650,
12.0109


 96.5140, -50.3721,
15.6217


 50.2186, -36.9969,
10.8027


 109.5710,
-53.4281, 16.8331


 40.2993, -33.2112,
9.5816


 123.1688,
-56.4062, 18.0523

 31.1358, -29.1396,
8.3362

 137.2868,
-59.3183, 19.2805

 22.7965, -24.6781,
7.0485

 151.9065,
-62.1740, 20.5191

 15.3727, -19.9147,
5.6862

167.0111,

 8.9825, -15.7194,

-64.9810, 21.7688

5.7949

182.5857,
-67.7460, 23.0302

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.1182, -43.9620,
13.2130

■ 72.1182, -43.9620,
13.2130

■ 71.5464, -46.6195,
15.1598

■ 72.8858, -40.5458,
11.3919

■ 71.1471, -48.5707,
17.1934

■ 73.8581, -36.3471,
9.7260


■ 70.8837, -49.9547,
19.2395


■ 75.0452, -31.3708,
8.2424


■ 76.4515, -25.6434,
6.9619


■ 78.0783, -19.2085,

5.8993

 79.9240, -12.1220,
5.0640

 81.9844, -4.4482,
4.4599

 84.2537, 3.7454,
4.0861

 86.5476, 11.8098,
3.7172

Harmonies

Analogous

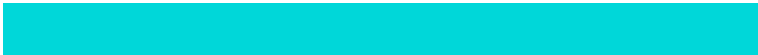
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1196, -34.9446, 28.1275



72.1182, -43.9620, 13.2130



72.1196, -43.3080, -10.3280

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1196, -43.9626, 13.2137



72.1196, 10.3348, -52.8098



72.1196, 30.8432, 29.4561

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.1182, -43.9620, 13.2130



43.6922, 55.8289, 7.8794

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1196, 46.4771, 15.7575



72.1182, -43.9620, 13.2130



72.1196, 33.6044, -33.4218

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1196, -43.9626, 13.2137



72.1196, -14.0510, -54.1925



72.1196, 47.5497, -6.7900



72.1196, 6.9473, 35.1916

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1182, -43.9620, 13.2130



72.1196, -37.4918, -28.2817



72.1196, 47.5497, -6.7900



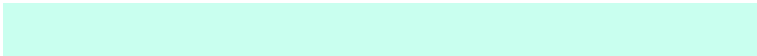
72.1196, 37.3692, 25.8830

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.1196, -43.9626, 13.2137



94.9774, -24.3421, 7.3252



72.0261, -47.7514, 39.5527



43.6763, -12.3010, 3.5474

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1196, -43.9626, 13.2137



86.9913, -58.0812, 19.6537



64.2464, -23.7511, -19.5402



37.4700, -5.4414, 2.3479



55.1253, -38.7291, 14.7032



13.5917, -9.1853, 2.8400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.6922, 55.8289, 7.8794



48.8702, 77.5745, 14.7657



47.1548, 40.2875, 23.6621



35.3311, 1.7196, 1.7069



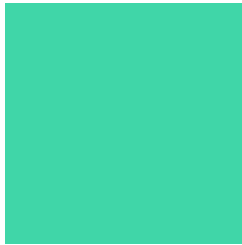
29.8205, 51.9119, 12.7312



7.4230, 13.1139, 1.6821

Previews

White Background



This preview shows how the HunterLab color 72.1182, -43.9620, 13.2130 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 72.1182, -43.9620, 13.2130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

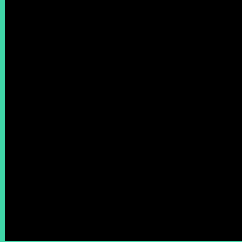
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

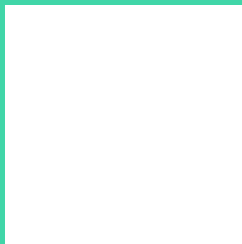
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 72.1182, -43.9620, 13.2130 Background



This preview shows how black text looks on a background with the HunterLab color 72.1182, -43.9620, 13.2130.



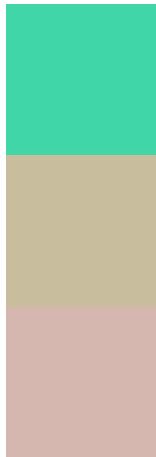
This preview shows how white text looks on a background with the HunterLab color 72.1182, -43.9620, 13.2130.

-43.9620, 13.2130.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.1182, -43.9620, 13.2130

Protanopia

71.4667, -5.1343, 17.8540

Deuteranopia

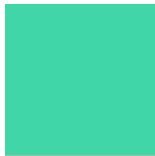
71.4900, 5.0082, 10.5033



Tritanopia

72.1645, -27.9610, -13.3793

Trichromacy



Original Color

72.1182, -43.9620, 13.2130



Protanomaly

70.3602, -23.4239, 14.9205



Deuteranomaly

69.9522, -17.7023, 9.7135



Tritanomaly

72.1876, -34.5052, -2.5276

Monochromacy



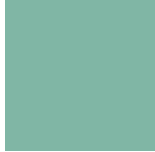
Original Color

72.1182, -43.9620, 13.2130



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

63.8449, -21.0831, 5.9141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.1182, -43.9620, 13.2130 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(64, 214, 168)` looks like.

```
.text, #text, p{  
    color:rgb(64, 214, 168)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(64, 214, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 214, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 72.1182, -43.9620, 13.2130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(64, 214, 168) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(64, 214, 168) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(64, 214, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 214, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 214, 168);  
box-shadow:4px 4px 4px 4px rgb(64, 214,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.1182, -43.9620, 13.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 214, 168) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(64, 214,  
168) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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